

SHEET 1 of 1

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ATTY DOCKET NO. 076333/0238

APPLICANT: Robert H. Getzenberg

FILING DATE: May 8, 2001

GROUP 1

1635

C986 U.S. PTO

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Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|--------------------|----------|-------------------|-------|----------|----------------------------------|
| A1 | 4,882,268 | 11/21/89 | Penman, et al. | | | |
| A2 | 5,273,877 | 12/28/93 | Fey et al. | | | |
| A3 | 5,849,509 | 12/15/98 | Coffey et al. | | | |
| A4 | 5,866,535 | 02/02/99 | Getzenberg et al. | | | |
| A5 | 4,885,236 | 12/05/89 | Penman et al. | | | |
| A6 | 5,824,490 | 10/20/98 | Coffey et al. | | | |
| A7 | 5,547,928 | 08/20/96 | Wu et al. | | | |

FOREIGN PATENT DOCUMENTS













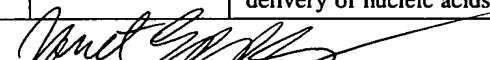
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|-----|--------------------|----------|---------|-------|---------------|-----------------------|
| A8 | WO95/16919 | 06/22/95 | WIPO | | | |
| A9 | WO93/09437 | 05/13/93 | WIPO | | | |
| A10 | WO94/00573 | 01/06/94 | WIPO | | | |
| A11 | WO87/03910 | 07/02/87 | WIPO | | | |
| A12 | WO94/18222 | 08/18/94 | WIPO | | | |
| A13 | WO97/16206 | 09/05/97 | WIPO | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|---|
| A14 | Miyana, N., et al., "Nuclear Matrix Proteins as a Urine Marker for Transitional Cell Carcinoma of the Bladder". The Journal of Urology Supplement, Vol. 153, No. 4 (XP-002068914) |
| A15 | Merrifield, S., et al., "The Performance of the NMP22™ Test Kit: A Quantitative Enzyme Immuno-Assay for Bladder Cancer", <i>Tumor Biology</i> , 17 (suppl 1) (1996). (XP-002068915) |
| A16 | Getzenberg, R., et al., "Bladder Cancer-associated Nuclear Matrix Proteins", <i>Cancer Research</i> Vol. 56, No. 7, pp. 1690-1694, (1996). (XP002068894) |
| A17 | Konety, B.R., et al., "Identification of Nuclear Matrix Protein Alterations Associated with Renal Cell Carcinoma", <i>The Journal of Urology</i> , Vol. 159, No. 4, pp. 1359-1363 (1998). (XP002068895) |
| A18 | Eberharter A., et al., "Nuclear Matrix of the lower eukaryote <i>Physarum polycephalum</i> and the mammalian epithelial LLC-PK ₁ cell line -- A comprehensive investigation of different preparation procedures", Vol. 212, No. 2 pp. 573-580 (1992). (XP02068893) |
| A19 | Keese, S.K., et al., "Utilization of Nuclear Matrix Proteins for Cancer Diagnosis", <i>Critical Reviews in Eukaryotic Gene Expression</i> , Vol. 6, No. 2&3, pp. 189-214 (1996). (XP002069158) |
| A20 | Getzenberg, R. H., "Nuclear Matrix and the Regulation of Gene Expression: Tissue Specificity", <i>Journal of Cellular Biochemistry</i> , Vol. 55, pp. 22-31 (1994). |
| A21 | Getzenberg, R.H., et al., "Identification of Nuclear Matrix Proteins in the Cancer and Normal Rat Prostate", <i>Cancer Research</i> , Vol. 51, pp. 6514-6520 (1991). |
| A22 | Berezney, R., et al., "Identification of a Nuclear Protein Matrix", <i>Biochemical and Biophysical Research Communications</i> , Vol. 60, No. 4 (1974). |
| A23 | Fey, E.G., et al., "The Nuclear Matrix: Defining Structural and Functional Roles", <i>Eukaryotic Gene Expression</i> , pp. 127-143 (1991). |

| | |
|-----|---|
| A24 | Fey, E.G., <i>et al.</i> , "Tumor promoters induce a specific morphological signature in the nuclear matrix-intermediate filament scaffold of Madin-Darby canine kidney (MDCK) cell colonies", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 81, pp. 4409-4413 (1984). |
| A25 | Fey, E.G., <i>et al.</i> , "Nuclear matrix proteins reflect cell type of origin in cultured human cells", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85, pp. 121-125 (1988). |
| A26 | Fey, E.G., <i>et al.</i> , "Epithelial Cytoskeletal Framework and Nuclear Matrix-Intermediate Filament Scaffold: Three-dimensional Organization and Protein Composition", <i>The Journal of Cell Biology</i> , Vol. 98, pp. 1973-1984 (1984). |
| A27 | Weidner, N., <i>et al.</i> , "Rapid Communication, Localization of Nuclear Matrix Proteins (NMPs) in Multiple Tissue Types with NM-200.4™ (An Antibody Strongly Reactive with NMPs Found in Breast Carcinoma)", <i>American Journal of Pathology</i> , Vol. 138, No. 6, pp. 1293-1298 (1991). |
| A28 | Huse, W.D., <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Research Article</i> , pp. 1275-1281 (1989). |
| A29 | Mullinax, R.L., <i>et al.</i> , "Identification of human antibody fragment clones specific for tetanus toxoid in a bacteriophage λ immunoexpression library", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 8095-8099 (1990). |
| A30 | Diener, E., <i>et al.</i> , "Specific Immunosuppression by Immunotoxins Containing Daunomycin", <i>Science</i> , Vol. 231, pp. 148-150 (1986). |
| A31 | Greiner, J.W., "Recombinant Interferon Enhances Monoclonal Antibody—Targeting of Carcinoma Lesions in Vivo", <i>Reports</i> , pp. 895-898 (1987). |
| A32 | Wolff, B., <i>et al.</i> , "The Use of Monoclonal Anti-Thy ₁ IgG ₁ for the Targeting of Liposomes to AKR-A Cells In Vitro and In Vivo", <i>Biochimica et Biophysica Acta</i> , Vol. 802, pp. 259-273 (1984). |
| A33 | Weintraub, H.M., "Antisense RNA and DNA", <i>Scientific American</i> , pp. 40-46 (1990). |
| A34 | Cech, T.R., Ph.D., "Ribozymes and Their Medical Implications", <i>JAMA</i> , Vol. 260, No. 20, pp. 3030-3034 (1988). |
| A35 | Haseloff, J., <i>et al.</i> , "Simple RNA enzymes with new and highly specific endoribonuclease activities", <i>Nature</i> , Vol. 334, pp. 585-591 (1988). |
| A36 | Bejany, D.E., <i>et al.</i> , "Malignant Vesical Tumors Following Spinal Cord Injury", <i>The Journal of Urology</i> , Vol. 138, pp. 1390-1392 (1987). |
| A37 | Kaufman, J.M., <i>et al.</i> , "Bladder Cancer and Squamous Metaplasia in Spinal Cord Injury Patients", pp. 967-971 (1977). |
| A38 | Melzak J., M.D., "The Incidence of Bladder Cancer in Paraplegia", <i>Paraplegia</i> , pp. 85-96. |
| A39 | Nyquist, R.H., M.D., <i>et al.</i> , "Mortality and Survival in Traumatic Myelof During Nineteen Years, from 1946 to 1965", <i>Paraplegia</i> , pp. 22-48. |
| A40 | El-Masri, W.S., "Bladder Cancer After Spinal Cord Injury", <i>International Medical Society of Paraplegia</i> , pp. 265-270 (1981). |
| A41 | Geisler, W.O., <i>et al.</i> , "Survival In Traumatic Transverse Myelitis", <i>Paraplegia</i> , Vol. 14, pp. 262-275 (1977). |
| A42 | Hackler, R.H., "A 25-Year Prospective Mortality Study In The Spinal Cord Injured Patient: Comparison With The Long-Term Living Paraplegic", <i>The Journal of Urology</i> , Vol. 117, pp. 486-488 (1977). |
| A43 | Pound, C.R., <i>et al.</i> , "Differential Nuclear Matrix Protein (NMP) Patterns In Normal Renal Tissue And Renal Cell Carcinoma (RCC)". 92 nd Annual Meeting of the American Urological Association, New Orleans, LA, USA (1997) J. of Urol., Vol. 157 (4 suppl.) (1997) (XP-002076374) |
| A44 | Konety, B.R., <i>et al.</i> , "Characteristic Nuclear Matrix Protein Alterations In Renal Cell Carcinoma (RCC)". 92 nd Annual Meeting of the American Urological Association, New Orleans, LA, USA (1997) J. of Urol., Vol. 157 (4 suppl.) (1997) (XP-002076375) |
| A45 | Gordon, J.N., <i>et al.</i> , "Altered Extracellular Matrices Influence Cellular Processes and Nuclear Matrix Organizations of Overlying Human Bladder Urothelial Cells", <i>Cancer Research</i> , Vol. 53, pp. 4971-4977 (1993). |
| A46 | Cupo, J., "Electrophoretic analysis of nuclear matrix proteins and the potential clinical applications", <i>Elsevier Science Publishers B.V.</i> , pp. 389-406 (1991). |
| A47 | Partin, A.W., <i>et al.</i> , "Nuclear Matrix Protein Patterns in Human Benign Prostatic Hyperplasia and Prostate Cancer", <i>Cancer Research</i> , Vol. 53, pp. 744-746 (1993). |
| A48 | Russell, P.J. <i>et al.</i> , "Preclinical studies of monoclonal antibodies for intravesical radioimmunotherapy of human bladder cancer," <i>Cell biophysics</i> , Vols. 24/25, pp. 155-61 (1994) |

SHEET 3 of 3

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|--|-----|---|
|  | A49 | Kingsley E.A. et al., "Characterisation of the anti-bladder-cancer monoclonal antibody BLCA -8: identification of its antigen as a neutral glycolipid," Cancer Immunology, Immunotherapy, Vol. 41, No. 6, pp. 348-54 (1995) (XP000872998) |
|  | A50 | Fradet Y., "Molecular and immunologic approaches in the management of bladder cancer," Urologic Clinics of North America, Vol. 18, No. 3, pp. 515-24 (1991) (XP000881253) |
|  | A51 | Replogle-Schwab R. et al., "The utilization of nuclear matrix proteins for cancer diagnosis," Critical Reviews in Eukaryotic Gene Expression, Vol. 6, Nos. 2-3, pp. 103-13 (1996) (XP000881255) |
|  | A52 | Pirtskalaishvili G. et al., "Use of urine-based markers for detection and monitoring of bladder cancer," Techniques in Urology, Vol. 5, No. 4, pp. 179-84 (1999) (XP000881344) |
|  | A53 | J.E. Celis et al., "Expression of the transformation-sensitive protein "cyclin" in normal human epidermal basal cells and simian virus 40-transformed keratinocytes," Proc. Natl Acad. Sci. USA, Vol. 81, pp. 3128-3132 (1984) |
|  | A54 | J.E. Celis et al., "Intermediate filaments in monkey kidney TC7 cells: Focal centers and interrelationship with other cytoskeletal systems," Proc. Natl Acad. Sci. USA, Vol. 81, pp. 1117-1121 (1984) |
|  | A55 | R. G. DiScipio et al., "Nucleotide sequence of cDNA and derived amino acid sequence of human complement component C9," Proc. Natl Acad. Sci. USA, Vol. 81, pp. 7298-7302 (1984) |
|  | A56 | R.B. Merrifield, "Solid Phase Peptide Synthesis. I. The synthesis of a Tetrapeptide," J. Am. Chem. Soc., Vol. 85, No. 14, pp. 2149-2154 (1963) |
|  | A57 | Stewart and Young, "Solid Phase Peptide Synthesis," Freeman Publ. 1969, pp. 27-61 |
|  | A58 | J.Y. Douillard et al., "Monoclonal Antibodies Specific Immunotherapy of Gastrointestinal Tumors," Hybridoma, Vol. 5, Suppl. 1 (1986) pp. S139-S149 |
|  | A59 | Matritech, NMP22® Test Kit (6/96) pp. 1-39 |
|  | A60 | R. Fraley et al., "New Generation liposomes: the engineering of an efficient vehicle for intracellular delivery of nucleic acids," Trends Biochem. Sci., Vol. 6, pp. 77-80 (1981) |
|  | | DATE CONSIDERED 8-13-01 |

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